

Abstract:

An improved loudspeaker having a dust cap (20), a cone (22) bellow-shaped surround (24), a basket (26), a magnet (28), a voice coil (30), and a spider (32), which can achieve longer excursions. The bellow-shaped surround is perpendicular to the cone (22) and the top of the basket (26). The shape and position of the surround allows the loudspeaker to achieve high sound pressure levels and reproduce precise sound.